**Lab 03 tables and internal links**

**Objective**

* Inserting table
* Changing the <td> <tr> attributes
* Tags inside the table
* Examples for complex structure of html tags
* In lab Assignment
* Internal link

**Current Lab Learning Outcomes (LLO)**

By completion of the lab the students should be able to

1. insert a table in a web page
2. change the attributes of <table>,<tr> and <td>
3. design complex tables
4. insert an internal hyperlink

**Lab Requirements**

Visual Studio .Net 2012

**Lab Assessment**

In lab exercises should be completed and HW

**Lab Description**

Implement the use of table and internal hyperlink Tags

**Extra (supplementary) Materials** (if any)

* **Inserting table**

1. Open the notepad
2. Write the following code

|  |
| --- |
| <!DOCTYPE html PUBLIC>  <html>  <head>  <title> My first html example </title>  </head>  <body >  <table border="1" style="background-color:red" align="center" cellpadding="11" width="700px" width="100%">  <tr>  <th width="500px", align="center" >Heading</th>  <th>Another Heading</th>  </tr>  <tr>  <td>row 1, cell 1</td>  <td>row 1, cell 2</td>  </tr>  <tr>  <td>row 2, cell 1</td>  <td>row 2, cell 2</td>  </tr>  </table>  </body>  </html> |

1. Chang the alignment of the table align=”center” , align=”right”
2. Delete the data in the last cell and notice how it looks
3. Change the following attributes in the <table> tag bgcolor=”red” , cellpadding="10" width=”300px” ,width=”100%”

* **Changing the <td> <tr> attributes**

1. Open the notepad
2. Write the following code

|  |
| --- |
| <!DOCTYPE html>  <html>  <body>  <table width="400" border="1">  <tr>   <th align="left">Money spent on....</th>   <th align="right">January</th>   <th align="right">February</th>   </tr>  <tr bgcolor="green",  align="right" >   <td style="background-color:#FF0000"> Clothes</td>   <td>$241.10</td>   <td>50.20</td>  </tr>  </table>  </body>  </html> |

Notice that there is attributes for each table tags

* **Tags inside the table**

1. Open the notepad
2. Write the following code

|  |
| --- |
| <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"  "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">  <html>  <body>  <table border="1">  <tr>    <td>     <p>This is a paragraph</p>     <p>This is another paragraph</p>    </td>    <td>This cell contains a table:     <table border="1">     <tr>       <td>A</td>       <td>B</td>     </tr>     <tr>       <td>C</td>       <td>D</td>     </tr>     </table>    </td>  </tr>  <tr>    <td>This cell contains a list     <ul>      <li>apples</li>      <li>bananas</li>      <li>pineapples</li>     </ul>    </td>    <td>HELLO</td>  </tr>  </table>  </body>  </html> |

Notice that you can insert any tag inside the table

* **In lab Assignment**

Write an xhtml code to design the following table

|  |  |  |
| --- | --- | --- |
| **Price** | | **Item** |
| **Without taxes** | **With taxes** |
| **150** | **165** | **DVD player** |
| **200** | **210** | **Laser printer** |
| **300** | **330** | **LCD monitor** |

* **Internal link**

1. Open the notepad
2. Write the following code

|  |  |
| --- | --- |
| **<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">**  **<html>**  **<body>**  **<p>**  **<a href="#C4">See also Chapter 4.</a>**  **</p>**  **<h2>Chapter 1</h2>**  **<p>This chapter explains ba bla bla</p>**  **<h2>Chapter 2</h2>**  **<p>This chapter explains ba bla bla</p>**  **<h2>Chapter 3</h2>**  **<p>This chapter explains ba bla bla</p>**  **<h2><a name="C4">Chapter 4</a></h2>**  **<p>This chapter explains ba bla bla</p>**  **<h2>Chapter 5</h2>**  **<p>This chapter explains ba bla bla</p>**  **<h2>Chapter 6</h2>**  **<p>This chapter explains ba bla bla</p>**  **<h2>Chapter 7</h2>**  **<p>This chapter explains ba bla bla</p>**  **<h2>Chapter 9</h2>** | **<p>This chapter explains ba bla bla</p>**  **<h2>Chapter 10</h2>**  **<p>This chapter explains ba bla bla</p>**  **<h2>Chapter 8</h2>**  **<p>This chapter explains ba bla bla</p>**  **<h2>Chapter 11</h2>**  **<p>This chapter explains ba bla bla</p>**  **<h2>Chapter 12</h2>**  **<p>This chapter explains ba bla bla</p>**  **</body>**  **</html>** |

1. In the bottom of the page add a go up link that will send you to the top of the page

* **HW**

Write html code to design the following:

|  |  |
| --- | --- |
| A more complex table-within-a table. | |
| **Outer Table** | |  |  |  |  |  | | --- | --- | --- | --- | --- | | An inner table showing a variety of headings and data items. | | | | | | **Inner Table** | | | | | | **CORNER** | | **Head1** | | | | **Head2** | **Head3** | | | **Head4** | **Head5** | **Head6** |  | | A | Two Tall | * Lists can be table data * Images can be table data | Two Wide | | | B | HTML Station | |  | | --- | | No border | | **Little** | | Table | | Multiple line item | |